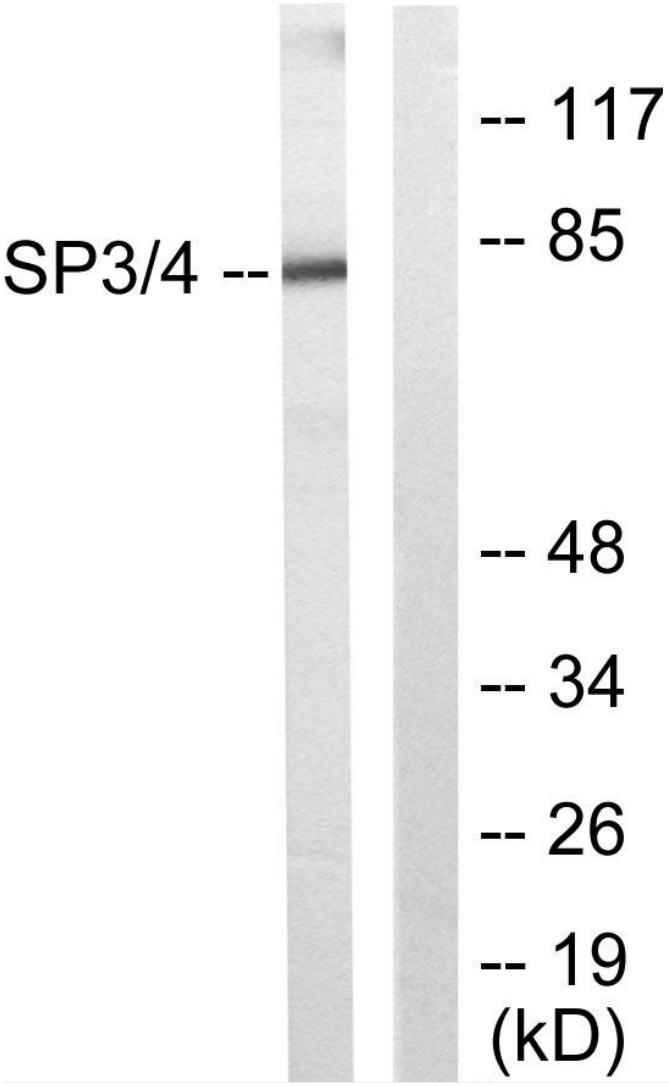
Sp3/4 Monoclonal Antibody

Catalog No	BYmab-02035
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SP3/SP4
Protein Name	Transcription factor Sp3/4
Immunogen	The antiserum was produced against synthesized peptide derived from human SP3/4. AA range:671-720
Specificity	Sp3/4 Monoclonal Antibody detects endogenous levels of Sp3/4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SP3; Transcription factor Sp3; SPR-2; SP4; Transcription factor Sp4; SPR-1
Observed Band	82kD
Cell Pathway	Nucleus. Nucleus, PML body. Localizes to the nuclear periphery and in nuclear dots when sumoylated. Some localization in PML nuclear bodies.
Tissue Specificity	Ubiquitously expressed.
Function	function:Transcriptional factor that can act as an activator or repressor, probably in a isoform-specific manner. Binds to GT and GC boxes promoters elements.,similarity:Belongs to the Sp1 C2H2-type zinc-finger protein family.,similarity:Contains 3 C2H2-type zinc fingers.,tissue specificity:Ubiquitously expressed.,
Background	This gene belongs to a family of Sp1 related genes that encode transcription factors that regulate transcription by binding to consensus GC- and GT-box regulatory elements in target genes. This protein contains a zinc finger DNA-binding domain and several transactivation domains, and has been reported to function as a bifunctional transcription factor that either stimulates or represses

	the transcription of numerous genes. Transcript variants encoding different isoforms have been described for this gene, and one has been reported to initiate translation from a non-AUG (AUA) start codon. Additional isoforms, resulting from the use of alternate downstream translation initiation sites, have also been noted. A related pseudogene has been identified on chromosome 13. [provided by RefSeq, Feb 2010],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Sp3/4 Monoclonal Antibody